

INVENTORY.¹

51358 to 51360. *MANIHOT ESCULENTA* Crantz. Euphorbiaceæ.

(*M. utilissima* Pohl.)

Cassava.

From Haiku, Maui County, Hawaii. Cuttings presented by F. G. Krauss, superintendent of agricultural extension, Hawaii Agricultural Experiment Station, through J. M. Westgate, agronomist in charge, Honolulu. Received October 1, 1920. Quoted notes by Mr. Krauss.

"The cassava was grown on rough pineapple land, without fertilization and little or no cultivation (aside from the initial plowing under of the old pineapple stumps and one cross-plowing) to test its adaptability as a rotation crop. Harvested at the end of 15 months, on June 15, at the Haiku substation for the first test and at the close of a growing period of 18 months on four one-sixth-acre plats for the second test."

51358. "*Sweet white* (early maturing) culinary variety. First test: Clean roots per acre, 3,360 pounds. Second test: Check rows (no treatment), average of four plats, roots per acre, 3,129 pounds. Fertilized with 500 pounds of phosphates (half super and half reverted), average of four plats, roots per acre, 6,258 pounds. Fertilized with 1,000 pounds of phosphates (half super and half reverted), roots per acre, 7,712 pounds."

51359. "*Bitter red* (late maturing) stock-feed variety. First test: Clean roots per acre, 24,360 pounds. Second test: Check rows (no treatment), average of four plats, roots per acre, 10,918 pounds. Fertilized with 500 pounds of phosphates (half super and half reverted), average of four plats, roots per acre, 17,976 pounds. Fertilized with 1,000 pounds of phosphates (half super and half reverted), average of four plats, roots per acre, 20,962 pounds. Starch recovered, 18 per cent."

51360. "*Martin's Intermediate* variety. First test: Clean roots per acre, 7,014 pounds. Second test: Check rows (on treatment), average of four plats, roots per acre, 4,326. Fertilized with 500 pounds of phosphates (half super and half reverted), average of four plats, roots per acre, 6,920 pounds. Fertilized with 1,000 pounds of phosphates (half super and half reverted), average of four plats, roots per acre, 11,802 pounds."

51361. *BAMBOS BALCOOA* Roxb. Poaceæ.

Bamboo.

From Lucknow, Oudh, India. Seeds presented by H. J. Davies, superintendent, Government Horticultural Gardens, through W. Bembower, Allahabad Agricultural Institute. Received October 1, 1920.

The large and characteristic bamboo of the Bengal villages, native to the plains of the eastern side of India, extending from Bengal into Assam and Cachar. It differs chiefly from *Bambos tulda* in its larger leaves, which are not pubescent

¹ It should be understood that the varietal names of fruits, vegetables, cereals, and other plants used in these inventories are those which the material bore when received by the Office of Foreign Seed and Plant Introduction and, further, that the printing of such names here does not constitute their official publication and adoption in this country. As the different varieties are studied, their identity fully established, their entrance into the American trade forecast, and the use of varietal names for them in American literature becomes necessary, the foreign varietal designations appearing in these inventories will in many cases undoubtedly be changed by the specialists interested in the various groups of plants and the forms of the names brought into harmony with recognized American codes of nomenclature.